YOUR GOAL IS NOT TO BREAK IT BUT TO UNDERSTAND IT
SO
DO NOT STAY ON THE RESONANT FREQUENCY.

1. Set the signal generator to output a sine wave with 40 mA Peak to Peak and a DC offset of 20 mA.
2. Set the optic to be looking at the bond from the side.
3. Do a Frequency scan from 1 to 50 KHz in steps as small as possible (continuous).
4. Once you find a resonant node fill in the table.
5. Set the optic to be looking at the bond from the top
6. repeat step 3 and 4

SAMPLE #	**LONG Wire**	**SHORT Wire**		
Mode #	**Lowest resonating frequency**	**Highest resonating frequency**	Side view amplitude of the resonance	Top view amplitude of the resonance
1	10.41 KHZ	10.46 KHz	2.3 wires	1.2 wires
2				
3				
4				
5				
6				
7				
8				
9				

Table 1